

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1940313	rotat\$7 revol\$7	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L2	1861884	speed velocity	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L3	366467	L1 near6 L2	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L4	610723	(optical digital compact) near3 (disc disk storage medium media) cd dvd	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L5	4266569	pattern structure shape sequence	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L6	57363	L3 same L5	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L7	4709	L6 same frequency	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L8	1047	L7 and L4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L9	23	L7 same rim and L4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L10	488	L7 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L11	3963417	detect\$4 measur\$4 sens \$4 determin\$4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L12	77284	L11 near10 L3	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L13	7841	L12 same L5	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L14	1090	L13 and L4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L15	975	L13 same frequency	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L16	203	L15 and L4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L17	115	L15 and ("369".clas. "346". clas.)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L18	376974	(label\$3 picture image drawing) near3 (writ\$5 record\$5 draw\$4 print\$4)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L19	127	L18 and L15	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L20	45	L19 and L4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L21	531	L18 same L12	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L22	89	L18 same L13	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L23	11	L13 same spoke	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L24	738	L13 same gear	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L26	653	((369/53.3) or (369/52.1)). COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L27	1	"62075270"	JPO	OR	ON	2008/03/14 11:40
L28	7	ECHIGO-TOSHIYUKI\$.IN.	JPO	OR	ON	2008/03/14 11:40
L29	0	ECHIGO-TOSHIYUKI\$.IN.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L30	84	yamashita-keitaro\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L31	160	L26 and L12	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L32	1	10/661189.app.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L33	25	L13 and L26	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L34	3	("20010017821"   "5956307"   "6434100"). PN. OR ("6985418"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L35	27919	(gear saw sawtooth) near3 (pattern shape structure)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L36	27919	(gear saw sawtooth) near3 (pattern shape structure)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L37	95124	triang\$5 near3 (pattern structure shape element)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L38	207994	(radi\$3 laser beam) near2 (position\$3 plac\$5 reference)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L39	44	hanks-darwin\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L40	335	L37 same L38	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L41	0	L40 and (video adj2 disc)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L42	178	tachometer and "369". clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L43	2	("3350503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L44	5	teramae-kazuo\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L45	0	myung-young\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L46	0	myung-young-sik\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L47	3082	myung\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L48	7	L47 and "signal pattern"	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L49	84	yamashita-keitaro\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L50	19	L49 and detection	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L51	5	ota-mitsutoshi\$.in.	JPO	OR	ON	2008/03/14 11:40
L52	0	ota-mitsutoshi\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L53	28648	thermal near2 print\$4	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L54	9	("3426337"   "4165495"   "4558383"   "4613916"). PN. OR ("6057976"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L56	23	(magnetic adj2 (disc drive)) and ((incoherent non-coherent) near2 (radiation beam))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L58	115330	reflect\$4 near4 (region zone area spot pattern spoke)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L59	10	("4680466"   "4795901"   "4827123").PN. OR ("4987301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L60	2	((("5119363") or ("4884259")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L61	32	("3819281"   "3931457"   "4000510"   "4094010"   "4094013"   "4108365"   "4142209"   "4229808"   "4238843"   "4245247"   "4296491"   "4326282"   "4329575"   "4363116"). PN. OR ("5119363"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40

L62	2	("3426337").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L63	31	("3426337").URPN.	USPAT	OR	ON	2008/03/14 11:40
L64	11	(("20020048241") or ("6501718") or ("5317337") or ("6109324") or ("20030108708") or ("20030107959") or ("20020046177") or ("5518325") or ("5616447") or ("6020977") or ("6074031")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L65	31773	phas\$4 near4 synchron\$6	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L66	90871	(media medium disc disk) near4 (speed velocity)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L67	98	L65 near10 L66	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L68	21783	L66 and ("360".clas. or "369".clas.)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L69	2494	L65 and ("360".clas. or "369".clas.)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L70	1	("5119363").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L71	4	((laser coherent near3 (light source)) near10 (mark index indic\$5) near10 ((detect\$3 measur \$3) near3 (speed velocity) near4 (disk disc))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L72	1	("4929822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L73	1059	(250/231.13).ccls.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L74	269	L73 and (laser coherent near3 (light source))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L75	65	L73 and ((laser coherent near3 (light source)) near10 reflect\$5)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L76	14	(250/231.1?)ccls. and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L77	4254	(pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L78	87	L77 same (label print\$4)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L79	137	(pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity) near4 (disk disc))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L80	10	L79 and ((label\$4 imag\$4) near10 (disc disk cd dvd))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L81	3014	(detect\$4 measur\$4) near4 radial near4 (position\$4 location\$4)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L82	3	L79 and L81	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L83	19093	(pattern mark spoke gear index indic\$6) near10 ((detect\$4 measur\$4) near6 (speed velocity))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L84	614	L83 and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L85	142	L83 and L81	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L87	653	((369/53.3) or (369/52.1)).COLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L88	1	"62075270"	JPO	OR	ON	2008/03/14 11:40
L89	7	ECHIGO-TOSHIYUKI\$.IN.	JPO	OR	ON	2008/03/14 11:40
L90	0	ECHIGO-TOSHIYUKI\$.IN.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L91	84	yamashita-keitaro\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L92	1	10/661189.app.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L93	3	("20010017821"   "5956307"   "6434100").PN. OR ("6985418").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L94	27919	(gear saw sawtooth) near3 (pattern shape structure)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L95	27919	(gear saw sawtooth) near3 (pattern shape structure)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L96	95124	triang\$5 near3 (pattern structure shape element)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L97	207994	(radi\$3 laser beam) near2 (position\$3 plac\$5 reference)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L98	44	hanks-darwin\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L99	335	L96 same L97	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L100	0	L99 and (video adj2 disc)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L101	178	tachometer and "369". clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L102	2	("3350503").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L103	5	teramae-kazuo\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L104	0	myung-young\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L105	0	myung-young-sik\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L106	3082	myung\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L107	7	L106 and "signal pattern"	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L108	84	yamashita-keitaro\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L109	19	L108 and detection	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L110	5	ota-mitsutoshi\$.in.	JPO	OR	ON	2008/03/14 11:40
L111	0	ota-mitsutoshi\$.in.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L112	9	("3426337"   "4165495"   "4558383"   "4613916"). PN, OR ("6057976"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L113	336	(347/248).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L114	23	(magnetic adj2 (disc drive)) and ((incoherent non-coherent non-coherent) near2 (radiation beam))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L116	2	("3426337").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L117	10	("4680466"   "4795901"   "4827123").PN. OR ("4987301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L118	32	("3819281"   "3931457"   "4000510"   "4094010"   "4094013"   "4108365"   "4142209"   "4229808"   "4238843"   "4245247"   "4296491"   "4326282"   "4329575"   "4363116").PN. OR ("5119363").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 11:40
L119	2	((("5119363") or ("4884259")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L120	31	("3426337").URPN.	USPAT	OR	ON	2008/03/14 11:40
L122	1	("5119363").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L123	4	(laser coherent near3 (light source)) near10 (mark index indic\$5) near10 ((detect\$3 measur\$3) near3 (speed velocity) near4 (disk disc))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L124	1	("4929822").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/14 11:40
L125	1059	(250/231.13).cdls.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L126	269	L125 and (laser coherent near3 (light source))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L127	65	L125 and ((laser coherent near3 (light source)) near10 reflect\$5)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L128	14	(250/231.1?).cdls. and "369".clas.	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L129	137	(pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity) near4 (disk disc))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L130	10	L129 and ((label\$4 imag\$4) near10 (disc disk cd dvd))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

L131	3014	(detect\$4 measur\$4) near4 radial near4 (position\$4 location\$4)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L132	4254	(pattern mark spoke gear index indic\$6) near10 (detect\$4 measur\$4) near3 ((rotat\$7 revol\$7) near6 (speed velocity))	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40
L134	87	L132 same (label print\$4)	US-PGPUB; USPAT	OR	ON	2008/03/14 11:40

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